

NOTE

*Scoloposcelis pulchella pulchella* (Zetterstedt, 1838) in North America  
(Hemiptera: Heteroptera: Anthocoridae)

The genus *Scoloposcelis* Fieber is Holarctic with four species in the Old World and two species in the New World. Two specimens from Alaska have been identified by me as *Scoloposcelis pulchella pulchella* (Zetterstedt, 1838), a Palearctic species whose range extends from western Europe to Far-Eastern Russia (Péricart 1972, 1996). The presence of these specimens in Alaska represents the first record for northwestern Nearctic Region. Label data are as follows: Alaska, Fairbanks, June 26, 1938 G.P. Engelhardt (1 ♀); and Alaska, E.side Charley R., 1 mi. up from mouth, Circle, Alaska, 15 Aug 1974. Ed Holsten. in large standing *Picea glauca* (1 ♀).

This species was reported from Quebec, Canada, as a port-of-entry interception (Maw et al. 2000). Scudder (1997), in his treatment of the Hemiptera: Heteroptera of the Yukon, listed only *Scoloposcelis flavicornis* Reuter, described from Texas in 1884 and reported to be widespread in southern Canada and the continental United States (Kelton 1978, Henry 1988, Lattin 2000). Kelton provided an enlarged electron micrograph of the ostiola area (fig. 23) showing a canal quite different from the Alaska specimens—a canal whose appearance compares very well with this structure provided by Péricart (1972) (fig. 152b). Kelton's (1978) illustration shows a rather wide canal slightly curved anteriorly with a rounded apex while Péricart's illustration shows an elongate, narrow canal gently curved anteriorly and gradually tapering to a sharp apex—near the anterior angle of the metapleuron, but not touching. The illustration of a male from Spain (Péricart 1972) resembles the two Alaska specimens. This general appearance occurs in some North American species and is quite similar to the

illustration of the adult of *S. flavicornis* Reuter (Kelton 1978). Reuter (1884: 152) described the ostiolar canal of the Texas type as “apice angularite arcuata bassinque versus longius producta pronotum lateribus versus basin late sinuatis.” Blatchley (1926: 645) stated that the “osteolar channel in our species long, angularly curved, not reaching base of metasternal plate.” Both descriptions differ from Kelton's (1978) illustration of the canal.

A synonymical review of *Scoloposcelis pulchella* is given below for North American workers.

*Scoloposcelis pulchella pulchella*  
(Zetterstedt, 1838)

*Anthocoris pulchella* Zetterstedt 1838: 235. Lithuania.

*Scoloposcelis pulchella*: Reuter 1884: 152, 153. Sweden, Finland, France.

*Anthocoris nigrescens* Harada 1929: 58. Japan.

*Scoloposcelis nigrescens*: Hiura 1960: 51. Japan.

*Scoloposcelis*: Carayon 1972: 341.

*Scoloposcelis pulchella pulchella*: Péricart 1972: 279–283; Elov 1976: 78, 81; Zheng and Bu 1990: 27; Zheng and Bu 1991: 126; Heidger 1995: 541–547; Péricart 1996: 135. Europe, Asia (western Siberia, east to Eastern Siberia, Far Eastern Siberia); Maw et al. 2000: 102.

This is another example of a western Palearctic species whose range now is known to extend to Alaska. This occurrence on either side of the Behring Straight is also known for some other species of Hemiptera: Heteroptera (e.g., *Acalypta cooleyi* Drake 1917: 213. Arizona, California, Montana, Oregon, Asia [Froeschner 1988: 709], [Péricart and Golub 1996: 7. Ka-

zakhstan, China, Mongolia, Russia (East Siberia, Far East)]. Heidger (1995) described the biology and ecology of the species. A review of North American species of *Scoloposcelis* is needed.

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